

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

I undersigned applicant(s) (Names should be indicated as they appear in the request):

WANG, Zi-Hua

I hereby appoints (appoint) the following person as: agent common representative

name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

MART & BIGGAR
Box 2999, Station D
55 Metcalfe Street
awa, Ontario
N5Y 6 Canada

represent the undersigned before

- all the competent International Authorities
 the International Searching Authority only
 the International Preliminary Examining Authority only

connection with the international application identified below:

Title of the invention: IMMUNOSTIMULATORY, COVALENTLY LIPIDATED OLIGONUCLEOTIDES

Applicant's or agent's file reference: 70484-78

International application number (if already available):

I declare with the following Office Canadian Receiving Office as receiving Office
to make or receive payments on behalf of the undersigned.

Indicate the nature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this application):



Hua Jiang

Date: Mar - 14 - 2003

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

he undersigned applicant(s) (Names should be indicated as they appear in the request):

OGANTY, R. Rao

I hereby appoints (appoint) the following person as:

agent

common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

MART & BIGGAR
P.O. Box 2999, Station D
10-55 Metcalfe Street
Ottawa, Ontario
K1P 5Y6 Canada

represent the undersigned before

- all the competent International Authorities
 the International Searching Authority only
 the International Preliminary Examining Authority only

connection with the international application identified below:

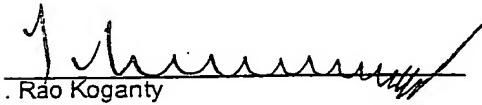
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Rao Koganty

Date: Mar -14-2003

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POWER OF ATTORNEY
(for an international application filed under the Patent Cooperation Treaty)
(PCT Rule 90.4)

The undersigned applicant(s) (*Names should be indicated as they appear in the request*):

BAEK, Myung-Gi

hereby appoints (appoint) the following person as: agent common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

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Myung-Gi Baek

Date: March 14th, 2003

POWER OF ATTORNEY
(for an international application filed under the Patent Cooperation Treaty)
(PCT Rule 90.4)

The undersigned applicant(s) (*Names should be indicated as they appear in the request*):

YALAMATI, Damayanthi

hereby appoints (appoint) the following person as: agent common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

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Signature of the applicant(s) (*where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power*):

Damayanthi

Damayanthi Yalamati

Date: 14 March '03

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